**Formula Sheet**

**FUNCTIONS**

* Equations of a line: $y=mx+b$ $Ax+By+C=0$ $y-y\_{p}=m(x-x\_{p})$
* Slope: $m=\frac{∆y}{∆x}=\frac{y\_{2}-y\_{1}}{x\_{2}-x\_{1}}$

**ARITHMETIC SEQUENCES**

$$t\_{n}=t\_{1}+\left(n-1\right)d$$

$S\_{n}=\frac{n}{2}(t\_{1}+t\_{n})$ or $S \_{n}=\frac{n}{2}[2t\_{1}+\left(n-1\right)d]$

**TRIGONOMETRY**

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$ \sin(A= \frac{opp}{hyp})$ $\cos(A= \frac{adj}{hyp})$ $\tan(A= \frac{opp}{adj})$

**FINANCE**

1. Determine the Annual Gross Income
2. Determine EI and CPP
don’t forget the exemption for CPP
don’t forget to look at the max values
3. Determine the other deductions before taxes
(union fees, addition pension plans...)
make sure everything is annual.
4. Determine the taxable income without exemptions
Gross – EI – CPP – other deduction
5. Determine the federal taxable income (with exemption)

Calculate the corresponding taxes using the tax brackets

1. Determine the territorial taxable income (with exemption)

Calculate the corresponding taxes using the tax brackets

Net = Gross – EI – CPP – deductions before taxes – Territorial and Federal Taxes



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**TAXES**

The federal personal exemption: **$11 635**

Territorial/provincial personal exemptions: **$10 207**

 

